

## IN THE CLAIMS:

No claims have been amended with this paper. The following is a listing of the present claims of record:

1. (Previously presented) A method for detecting an overlap of scheduled recording times, the method comprising:

determining that there exists a first broadcasting program scheduled to record on a first channel and a second broadcasting program scheduled to record on a second channel;

correcting a scheduled recording time of at least the first broadcasting program or the second broadcasting program according to time correction data corresponding to a time difference between the first channel and the second channel;

determining that the scheduled recording times of the first broadcasting program and the second broadcasting program overlap; and

reporting information on the overlap.

2. (Previously presented) The method according to claim 1, further comprising calculating the time correction data upon power up.

3. (Previously presented) The method according to claim 2, wherein calculating the time correction data comprises:

setting, as a reference time, a base time provided from a reference channel tuned first upon power up;

obtaining base times provided from channels other than the reference channel;

and

calculating the time correction data using the reference time and the base times.

4. (Previously presented) The method according to claim 3, wherein calculating the time correction data further comprises:

mapping the calculated time correction data to corresponding channels in one-to-one mapping and storing the mapped time correction data.

5. (Original) The method according to claim 3, wherein the reference channel is set in default by a user.

6. (Previously presented) The method according to claim 3, wherein calculating the time correction data further comprises:  
storing the set reference time and the base times.

7. (Previously presented) The method according to claim 3, wherein the calculated time correction data comprises time differences between the reference time and the base times.

8. (Previously presented) The method according to claim 1, wherein the scheduled recording times comprise a record start time and a record end time.

9. (Previously presented) The method according to claim 1, wherein correcting the scheduled recording time comprises:

reading the time correction data corresponding to the first channel and the second channel; and

adding the read time correction data to the scheduled recording times of the at least first broadcasting program or second broadcasting program.

10. (Original) The method according to claim 1, wherein the information on the overlap is reported in the form of message or voice.

11. (Previously presented) A method for detecting an overlap of scheduled recording times, the method comprising:

calculating time correction data for channels upon power up;

correcting a scheduled recording time of at least one broadcasting program scheduled to record according to time correction data corresponding to a time difference between channels;

determining that the corrected scheduled recording times of at least two broadcasting programs overlap; and

reporting information on the overlap.

12. (Previously presented) The method according to claim 11, wherein calculating the time correction data comprises:

setting, as a reference time, a base time provided from a reference channel tuned first upon power up;

obtaining base times provided from channels other than the reference channel; and

calculating the time correction data using the reference time and the base times.

13. (Original) The method according to claim 12, wherein the reference channel is set in default by a user.

14. (Previously presented) The method according to claim 12, wherein the time correction data comprises time differences between the reference time and the base times.

15. (Previously presented) The method according to claim 11, wherein correcting the scheduled recording time comprises:

reading the time correction data of the channels corresponding to the at least one broadcasting program scheduled to record; and

adding the read time correction data to the scheduled recording times of the at least one broadcasting program scheduled to record.